

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-04-28 15:55:43
 Date of Next Testing: 2029-04-27 15:55:43
 Product Name: **DL-Malic acid**
 CAS Number: 6915-15-7
 Specifications & Purity: AR, ≥99%(T)
 Lot #: D2521105
 SKU #: **M101126**
 Version: **0**
 Analysis #: **382285**
 Storage Temperature: Protected from light, Room temperature, Argon charged, Desiccated, Cool

Parameter	Limit Values	Result
Purity (Titration by NaOH)	99-101 (%)	99.72000 %
Specific Rotation [α] ₂₀ /D(0.2g/mL in H ₂ O)	-0.1-0.1 (°)	-0.02500 °
Appearance (M101126)	White to Off-White Powder or Chunks or particle	White to Off-White Powder or Chunks or particle
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Colorless to Faint Yellow, Clear , 50 mg/ml	pass	Pass



John Su
QA & QC Manager